

S&H Form: FORM PTO-1390 (10/03)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTORNEY'S DOCKET NUMBER

1454.1568

| TRANSMITTAL LETTE<br>DESIGNATED/ELEC'<br>CONCERNING A FILI  | 10/509038                                |                                      |  |  |  |  |  |
|---|--|--------------------------------------|--|--|--|--|--|
| INTERNATIONAL APPLICATION NO. PCT/EP03/02942  | INTERNATIONAL FILING DATE March 20, 2003 | PRIORITY DATE CLAIMED March 27, 2002 |  |  |  |  |  |
| TITLE OF INVENTION METHOD FOR DECODING DATA SEQUENCE ENCODED WITH AID OF BINARY CONVOLUTUONAL CODE (as amended)   |  |                                      |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US Lutz FINN et al.  |  |                                      |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |  |                                      |  |  |  |  |  |
| <ol> <li>This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</li> <li>This is an express request to immediately begin national examination procedures (35 U.S.C. 371(f)).</li> <li>The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).</li> <li>A copy of the International Application as filed (35 U.S.C. 371(c)(2))         <ul> <li>is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>has been transmitted by the International Bureau.</li> <li>is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </li> <li>A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li>Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))         <ul> <li>are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>have been transmitted by the International Bureau.</li> <li>is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ul> </li> <li>A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>An oath or declaration of the inventor (35 U.S.C. 371(c)(4)).</li> <li>A translation of the Annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> |  |                                      |  |  |  |  |  |
| Items 10-15 below concern document(s) or information included:  |  |                                      |  |  |  |  |  |
| <ul> <li>10. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>11. An assignment document for recording.     Please mail the recorded assignment document to:     a.    the person whose signature, name &amp; address appears at the bottom of this document.     b.    the following:     A preliminary amendment.     A substitute specification     A change of power of attorney and/or address letter.     Other items or information: Copies of International Patent Application as published, International Search Report, International Preliminary Examination Report</li> </ul>   |  |                                      |  |  |  |  |  |
|   |  | •                                    |  |  |  |  |  |

DT09 Rec'd PCT/PT0 27 SEP 2004

| CLAIMS   | ☐ The U.S. National Fee (35 U.S.C. 371(c)(1)) and other fees as follows:   |   |                      |            |            |                  |  |  |
|--|--|---|----------------------|------------|------------|------------------|--|--|
| INDEPENDENT   1 - 3 =  | CLAIMS   | (1) FOR   |                      |            | (4) RATE   | (5) CALCULATIONS |  |  |
| CLAIMS  MULTIPLE DEPENDENT CLAIM(S) (if applicable) +\$290.00 0.00  BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(4):  |  | TOTAL CLAIMS  | 11 - 20=             | 0          | x \$ 18.00 | 0.00             |  |  |
| BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(4):    Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO\$1,080   International search fee (37 CFR 1.445(a)(2)) paid to USPTO but International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provision of PCT Article 33(1)-(4)\$730   International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims satisfied provisions of PCT Article 33(2) to (4)\$100   Surcharge of \$130 for furnishing the National fee or oath or declaration later than [120 [1] 30 mos. from the earliest claimed priority date (37 CFR 1.482(e)). 0.00   Reduction by 1/2 for filing by small entity, if applicable. Affidavit must be filed also. (Note 37 CFR 1.9, 1.27, 1.28.)   SUBTOTAL   \$920.00   Processing fee of \$130 for furnishing the English Translation later than [120 [1] 30 mos. from the earliest claimed priority date (37 CFR 1.482(f)).   TOTAL NATIONAL FEE   \$920.00   Fee for recording the enclosed assignment (37 CFR 1.21(h)). + 40.00   TOTAL NATIONAL FEE   \$920.00   Fee for recording the enclosed assignment (37 CFR 1.21(h)). + 40.00   TOTAL SEES ENCLOSED   \$960.00   a. A check in the amount of \$960.00 to cover the above fees is enclosed.   The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-3935. A duplicate copy of this sheet is enclosed.   The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayme |  |   | 1 - 3=               | 0          | x \$ 86.00 | 0.00             |  |  |
| Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO\$1,080   International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO\$920   International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international preliminary examination fee paid to USPTO\$770   International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)\$730   International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)\$730   International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)\$730   International preliminary examination fee paid to USPTO (37 CFR 1.482)   O.00   Surcharge of \$130 for furnishing the National fee or oath or declaration later than [120 [130 mos. from the earliest claimed priority date (37 CFR 1.482(e)).   O.00   TOTAL OF ABOVE   S920.00   Processing fee of \$130 for furnishing the English Translation later than [120 [130 mos. from the earliest claimed priority date (37 CFR 1.482(f)).   Fee for recording the enclosed assignment (37 CFR 1.21(h)).   + 40.00   TOTAL NATIONAL FEE   \$920.00   Fee for recording the enclosed assignment (37 CFR 1.21(h)).   + 40.00   TOTAL FEES ENCLOSED   \$960.00   O.00   O.                      |  | MULTIPLE DEPE   | NDENT CLAIM(S) (if a | pplicable) | +\$290.00  | 0.00             |  |  |
| Surcharge of \$130 for furnishing the National fee or oath or declaration later than 20 30 mos. from the earliest claimed priority date (37 CFR 1.482(e)).    TOTAL OF ABOVE CALCULATIONS  |  | BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(4):  Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO\$1,080  International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO\$ 920  International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2) paid to USPTO\$ 770  International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provision of PCT Article 33(1)-(4)\$ 730  International preliminary examination fee paid to USPTO (37 CFR 1.482) |                      |            |            |                  |  |  |
| Reduction by 1/2 for filing by small entity, if applicable. Affidavit must be filed also. (Note 37 CFR 1.9, 1.27, 1.28.)    SUBTOTAL   |  | Surcharge of \$130  |                      |            |            |                  |  |  |
| filed also. (Note 37 CFR 1.9, 1.27, 1.28.)  SUBTOTAL  Processing fee of \$130 for furnishing the English Translation later than [] 20 [] 30 mos. from the earliest claimed priority date (37 CFR 1.482(f)).  TOTAL NATIONAL FEE \$920.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). + 40.00  TOTAL FEES ENCLOSED \$960.00  a.  A check in the amount of \$960.00 to cover the above fees is enclosed. b.  Please charge my Deposit Account No. 19-3935 in the Amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-3935. A duplicate copy of this sheet is enclosed.  **SUBMITTED BY: STAAS & HALSEY LLP**  Type Name Mark J. Henry Reg. No. 36,162  | . J K  |   | \$920.00             |            |            |                  |  |  |
| Processing fee of \$130 for furnishing the English Translation later than  [] 20 [] 30 mos. from the earliest claimed priority date (37 CFR 1.482(f)).  TOTAL NATIONAL FEE \$920.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). + 40.00  TOTAL FEES ENCLOSED \$960.00  a.  A check in the amount of \$960.00 to cover the above fees is enclosed. b.  Please charge my Deposit Account No. 19-3935 in the Amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-3935. A duplicate copy of this sheet is enclosed.  21171  PATENT TRADEMARK OFFICE  SUBMITTED BY: STAAS & HALSEY LLP  Type Name Mark J. Henry Reg. No. 36,162   | 7  |   |                      |            |            |                  |  |  |
| [] 20 [] 30 mos. from the earliest claimed priority date (37 CFR 1.482(f)).    TOTAL NATIONAL FEE   \$920.00   |  | SUBTOTAL  |                      |            |            |                  |  |  |
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| Type Name Mark J. Henry Reg. No. 36,162  |  |   |                      |            |            |                  |  |  |
|  | -  |   |                      |            |            | 36,162           |  |  |
| Signature W. DAMA  |  |   | MbAma                | . ^        |            | Sal 27 2004      |  |  |